

# STN STRUCTURE SEARCH NOTES

10/723.420 05 NOV 07

=> d his full

(FILE 'HOME' ENTERED AT 16:02:06 ON 05 NOV 2007)

FILE 'REGISTRY' ENTERED AT 16:02:13 ON 05 NOV 2007

L1 STRUCTURE UPLOADED  
D L1  
L2 7 SEA SSS SAM L1  
L3 98 SEA SSS FUL L1

FILE 'CAPLUS' ENTERED AT 16:02:57 ON 05 NOV 2007

L4 66 SEA ABB=ON PLU=ON L3  
L5 66 DUP REM L4 (0 DUPLICATES REMOVED)  
ANSWERS '1-66' FROM FILE CAPLUS  
L6 66 SEA L5  
L7 8 SEA ABB=ON PLU=ON L6 AND (ANTIMICROB? OR BACTER? OR FUNG? OR  
"E. COLI" OR "P. AERUGINOSA" OR "S. AUREUS" OR CANDIDA OR ("C.  
ALBICANS") OR "MRSA" OR PSORIAS? OR ACNE? OR VITILIGO? OR  
ECZEM?)  
D L7 1-8 IBIB ED ABS HITSTR

FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS, USPATFULL, USPAT2' ENTERED AT  
16:07:27 ON 05 NOV 2007

L8 24 SEA ABB=ON PLU=ON L3  
L9 22 DUP REM L8 (2 DUPLICATES REMOVED)  
ANSWERS '1-3' FROM FILE MEDLINE  
ANSWERS '4-8' FROM FILE BIOSIS  
ANSWERS '9-10' FROM FILE WPIDS  
ANSWERS '11-22' FROM FILE USPATFULL  
L10 7 SEA ABB=ON PLU=ON L9 AND (ANTIMICROB? OR BACTER? OR FUNG? OR  
"E. COLI" OR "P. AERUGINOSA" OR "S. AUREUS" OR CANDIDA OR ("C.  
ALBICANS") OR "MRSA" OR PSORIAS? OR ACNE? OR VITILIGO? OR  
ECZEM?)  
D L10 1-7 IBIB ABS HITSTR

FILE 'HOME' ENTERED AT 16:08:30 ON 05 NOV 2007

FILE 'CAPLUS' ENTERED AT 16:09:07 ON 05 NOV 2007

L11 66 SEA L5  
L12 4 SEA ABB=ON PLU=ON L11 AND (?FUNG? OR ?GRAM?(W)(?NEGAT? OR  
?POSIT?) OR ?METHICIL?(W)?RESIST? OR ((C OR ?CANDIDA?) (W)?ALBIC  
ANS?) OR ((E OR ?ESCHERICHIA?) (W)?COLI?) OR ((P OR ?PSEUDOMONAS  
?) (W)?AERUGINOSA?) OR ((S OR ?STAPH?) (W)?AUREUS?))  
L13 0 SEA ABB=ON PLU=ON L12 NOT L7

FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS, USPATFULL, USPAT2' ENTERED AT  
16:13:25 ON 05 NOV 2007

L14 1 SEA ABB=ON PLU=ON L9 AND (?FUNG? OR ?GRAM?(W)(?NEGAT? OR  
?POSIT?) OR ?METHICIL?(W)?RESIST? OR ((C OR ?CANDIDA?) (W)?ALBIC  
ANS?) OR ((E OR ?ESCHERICHIA?) (W)?COLI?) OR ((P OR ?PSEUDOMONAS  
?) (W)?AERUGINOSA?) OR ((S OR ?STAPH?) (W)?AUREUS?))  
L15 0 SEA ABB=ON PLU=ON L14 NOT L10  
SAVE TEMP ALL L10723420A/L

FILE 'REGISTRY' ENTERED AT 16:25:46 ON 05 NOV 2007

L16 STRUCTURE UPLOADED  
D L16  
L17 0 SEA SSS SAM L16  
L18 0 SEA SSS FUL L16

FILE 'CAPLUS' ENTERED AT 16:28:15 ON 05 NOV 2007

L19 0 SEA ABB=ON PLU=ON L18

FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS, USPATFULL, USPAT2' ENTERED AT

16:28:30 ON 05 NOV 2007  
L20 0 SEA ABB=ON PLU=ON L18  
SAVE TEMP ALL L10723420A/L

FILE 'REGISTRY' ENTERED AT 16:36:33 ON 05 NOV 2007  
L21 STRUCTURE UPLOADED  
D L21

L22 0 SEA SSS SAM L21  
L23 4 SEA SSS FUL L21

FILE 'CAPLUS' ENTERED AT 16:37:10 ON 05 NOV 2007  
L24 1 SEA ABB=ON PLU=ON L23  
D L24

FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS, USPATFULL, USPAT2' ENTERED AT  
16:37:45 ON 05 NOV 2007  
L25 0 SEA ABB=ON PLU=ON L23  
SAVE TEMP ALL L10723420A/L

FILE 'REGISTRY' ENTERED AT 16:43:04 ON 05 NOV 2007  
L26 STRUCTURE UPLOADED  
D L26

L27 0 SEA SSS SAM L26  
L28 0 SEA SSS FUL L26

FILE 'CAPLUS' ENTERED AT 16:43:48 ON 05 NOV 2007  
L29 0 SEA ABB=ON PLU=ON L28  
D COST

FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS, USPATFULL, USPAT2' ENTERED AT  
16:44:27 ON 05 NOV 2007  
L30 0 SEA ABB=ON PLU=ON L28  
SAVE TEMP ALL L10723420/L

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 4 NOV 2007 HIGHEST RN 952404-20-5  
DICTIONARY FILE UPDATES: 4 NOV 2007 HIGHEST RN 952404-20-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE CAPLUS

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FILE COVERS 1907 - 5 Nov 2007 VOL 147 ISS 20  
FILE LAST UPDATED: 4 Nov 2007 (20071104/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

#### FILE MEDLINE

FILE LAST UPDATED: 4 Nov 2007 (20071104/UP). FILE COVERS 1950 TO DATE.

This file contains CAS Registry Numbers for easy and accurate substance identification.

#### FILE BIOSIS

FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 31 October 2007 (20071031/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

#### FILE EMBASE

FILE COVERS 1974 TO 5 Nov 2007 (20071105/ED)

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

#### FILE WPIDS

FILE LAST UPDATED: 31 OCT 2007 <20071031/UP>  
MOST RECENT THOMSON SCIENTIFIC UPDATE: 200770 <200770/DW>  
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> Now containing more than 1 million chemical structures in DCR <<<

>>> IPC Reform backfile reclassification has been loaded to September 6th 2007. No update date (UP) has been created for the reclassified documents, but they can be identified by 20060101/UPIC and 20061231/UPIC, 20070601/UPIC and 20071001/UPIC. <<<

FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,  
PLEASE VISIT:  
[http://www.stn-international.de/training\\_center/patents/stn\\_guide.pdf](http://www.stn-international.de/training_center/patents/stn_guide.pdf)

FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE  
<http://scientific.thomson.com/support/patents/coverage/latestupdates/>

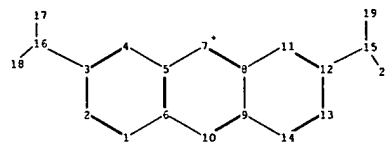
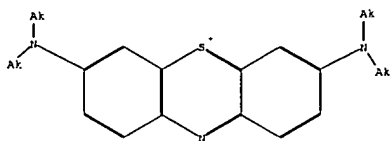
EXPLORE DERWENT WORLD PATENTS INDEX IN STN ANAVIST, VERSION 2.0:  
[http://www.stn-international.com/archive/presentations/DWPIAnaVist2\\_0710.p](http://www.stn-international.com/archive/presentations/DWPIAnaVist2_0710.p)

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 1 Nov 2007 (20071101/PD)  
FILE LAST UPDATED: 1 Nov 2007 (20071101/ED)  
HIGHEST GRANTED PATENT NUMBER: US7290289  
HIGHEST APPLICATION PUBLICATION NUMBER: US2007256205  
CA INDEXING IS CURRENT THROUGH 1 Nov 2007 (20071101/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 1 Nov 2007 (20071101/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2007  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2007

FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 16 Nov 2006 (20061116/PD)  
FILE LAST UPDATED: 1 Nov 2007 (20071101/ED)  
HIGHEST GRANTED PATENT NUMBER: US2007159859  
HIGHEST APPLICATION PUBLICATION NUMBER: US2007256132  
CA INDEXING IS CURRENT THROUGH 30 Oct 2007 (20071030/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 16 Nov 2006 (20061116/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2007  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2007



chain nodes :

15 16 17 18 19 20

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

3-16 12-15 15-19 15-20 16-17 16-18

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12  
12-13 13-14

exact/norm bonds :

3-16 12-15 15-19 15-20 16-17 16-18

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12  
12-13 13-14

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom  
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS  
18:CLASS 19:CLASS 20:CLASS

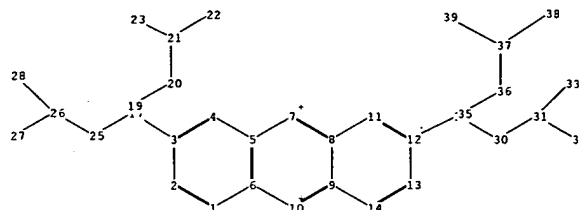
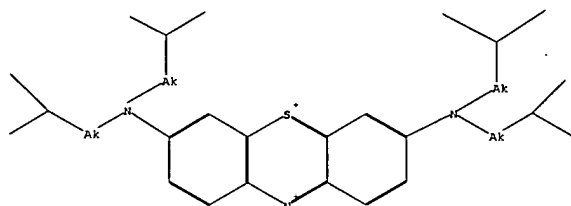
Element Count :

Node 17: Limited  
C,C2-6

Node 18: Limited  
C,C2-6

Node 19: Limited  
C,C2-6

Node 20: Limited  
C,C2-6



```

chain nodes :
  17 18 19 20 21 22 23 25 26 27 28 30 31 32 33 35 36 37 38
  39
ring nodes :
  1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
  3-17 12-18 17-25 18-30 19-20 20-21 21-22 21-23 25-26 26-27 26-28
  30-31 31-32 31-33 35-36 36-37 37-38 37-39
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12
  12-13 13-14
exact/norm bonds :
  3-17 12-18 17-25 18-30 19-20 20-21 25-26 30-31 35-36 36-37
exact bonds :
  21-22 21-23 26-27 26-28 31-32 31-33 37-38 37-39
normalized bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12
  12-13 13-14

```

```

Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 17:CLASS 18:CLASS 19:CLASS
 20:CLASS 21:CLASS 22:CLASS 23:CLASS 25:CLASS 26:CLASS 27:CLASS
 28:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 35:CLASS 36:CLASS
 37:CLASS 38:CLASS 39:CLASS

```

```

Element Count :
  Node 20: Limited
    C,C1-2

```

```

  Node 25: Limited
    C,C1-2

```

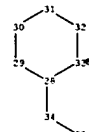
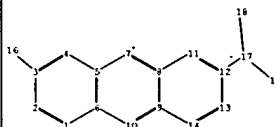
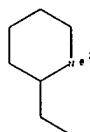
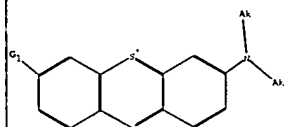
```

  Node 30: Limited

```

· C,C1-2

· Node 36: Limited  
C,C1-2



chain nodes :

16 17 18 19 27 34 35

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 22 23 24 25 26 28 29  
30 31 32 33

chain bonds :

3-16 12-17 17-18 17-19 24-27 28-34 34-35

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12  
12-13 13-14 22-23 22-26 23-24 24-25 25-26 28-29 28-33 29-30 30-31  
31-32 32-33

exact/norm bonds :

3-16 12-17 17-18 17-19 22-23 22-26 23-24 24-25 25-26 28-29 28-33  
29-30 30-31 31-32 32-33

exact bonds :

24-27 28-34 34-35

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12  
12-13 13-14

G1:[\*1],[\*2]

Match level :

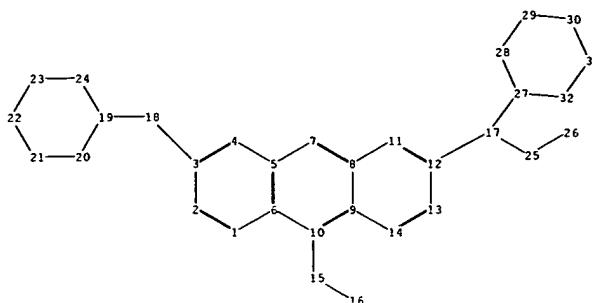
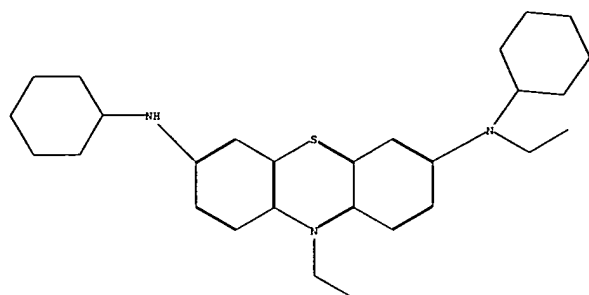
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom  
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:Atom  
29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:CLASS 35:CLASS

Element Count :

Node 18: Limited  
C,C5

Node 19: Limited  
C,C5





chain nodes :

15 16 17 18 25 26

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 19 20 21 22 23 24 27  
28 29 30 31 32

chain bonds :

3-18 10-15 12-17 15-16 17-25 17-27 18-19 25-26

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12  
12-13 13-14 19-20 19-24 20-21 21-22 22-23 23-24 27-28 27-32 28-29  
29-30 30-31 31-32

exact/norm bonds :

3-18 10-15 12-17 17-25 17-27 18-19 19-20 19-24 20-21 21-22 22-23  
23-24 27-28 27-32 28-29 29-30 30-31 31-32

exact bonds :

15-16 25-26

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12  
12-13 13-14

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom  
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS  
18:CLASS 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:CLASS  
26:CLASS 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	("20020183808" "20040055965" "20040147508" "20070161625" "5685994" "6251127" "7229447").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/05 14:05
L2	38	("20030158204" "20040213736" "20070161625" "4622395" "4880769" "5085947" "5085974" "5239405" "5344928" "5358876" "5532171" "5882627" "6551346" "6562295" "6623513" "6952392" "7101977" "7176308" "7220879").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/05 14:14
L3	1	2002wo-gb02278	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/05 14:15